

FIGURE 1

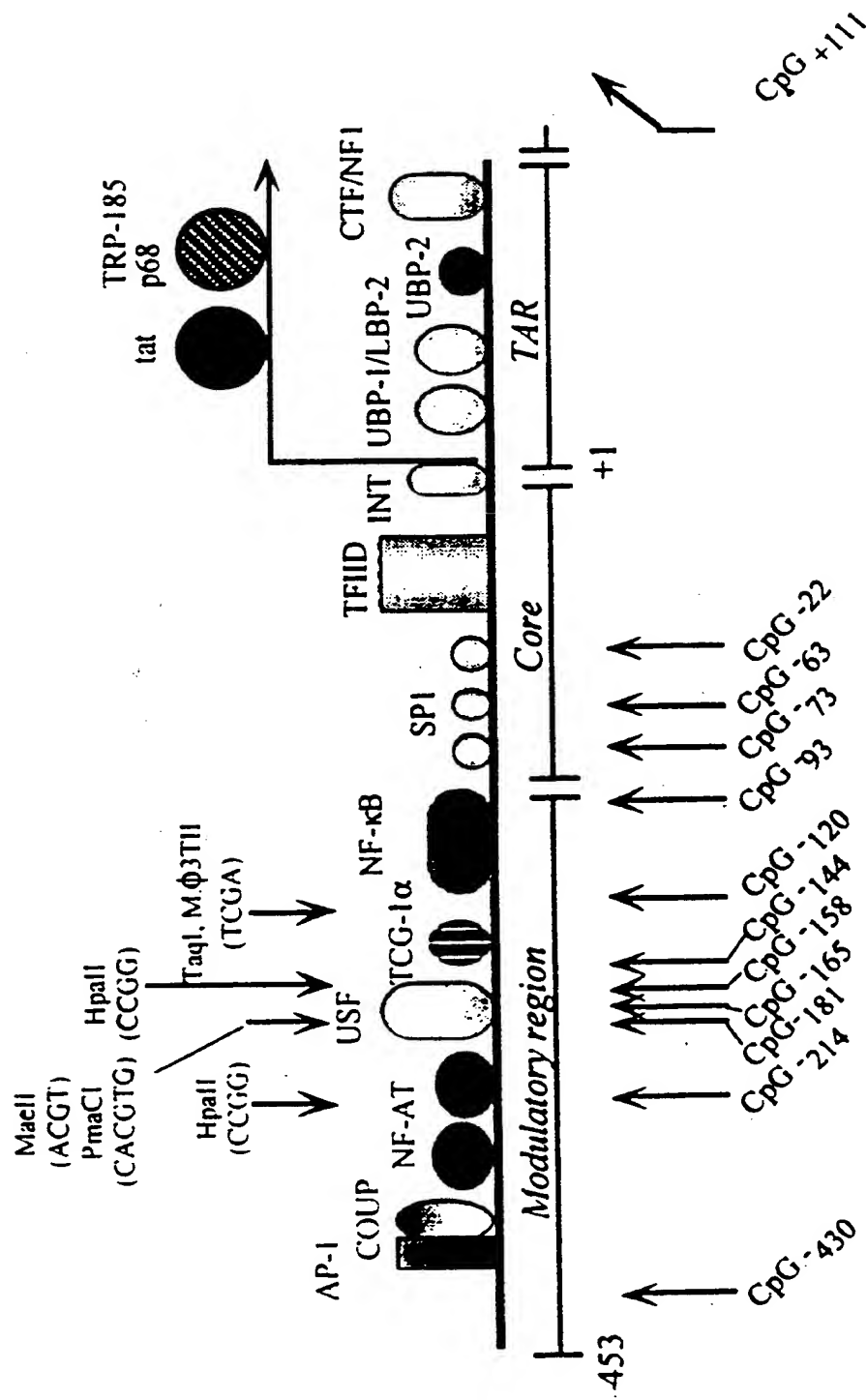
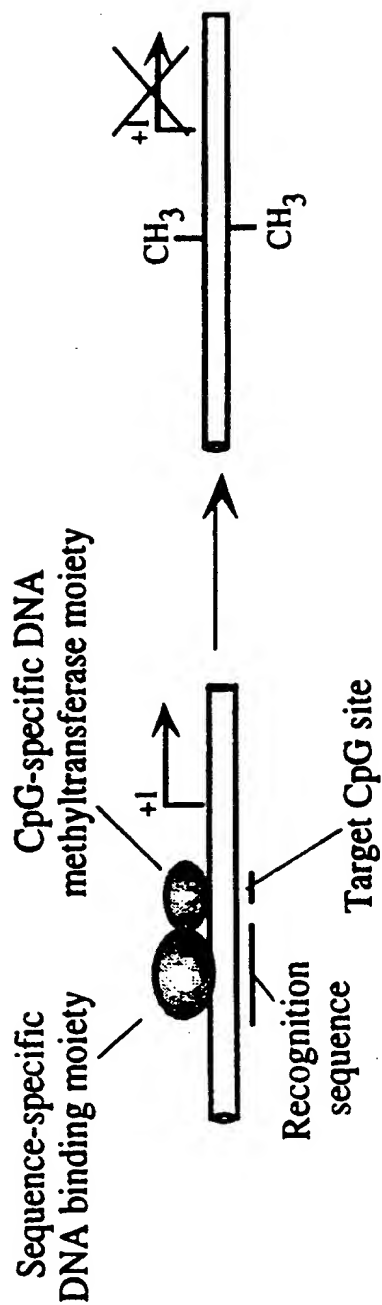


FIGURE 2

-454 TGG AAGGCTAATTCAC TCCCAAGAGACAAGATATCCTTGATCTGTGGATCTACCACACACAAGGCTACTTC
 CCTGATTAGCAGAACTACACACAGGCCAGGAGTCAGATATCCACTGACCTTTGGATGGTGCTACAAGCTAGTACCAGTTGAGCC
 AGATAAGGTAGAGAGGCCAACAAAGGAGAGAGAACACCAGCTTGTGTACACCCCTGTGAGCCCTGCATGGGATGGATGACCCGGATATAT
 AAGTGTTAGAGTGGAGGTTTGACAGCCCTTAGCATTTTCATCAGTGGCCCGAGAGCTGCATCCGGAGTACTTCAAGAACTGCTGA
 TATCGAGCTTGCTACAAGGACTTTCCGCTGGGGACTTTCCAGGGAGGCGTGGCCCTGGGCGGAGCTGGGAGTGGCGAGCCCTCAG
 ACCTGCATATAAGCAGCTGCTTTTGGCCGTACT+1GGGTCTCTCTGGTTAGACAGATCTGAGCCCTGGGAGCTCTCTGGCTAGCT
 AGGGAACCCACTGCTTAAGCCCTCAATAAAGCTTGGCTTGAAGTCTTCAAGTAGTGTGTGCCCGTCTCTGCTGCTGCTAACT
 AGAGATCCCTCAGACCCCTTTTAGTCAGTGTGGAAAATCTCTAGC.. +200

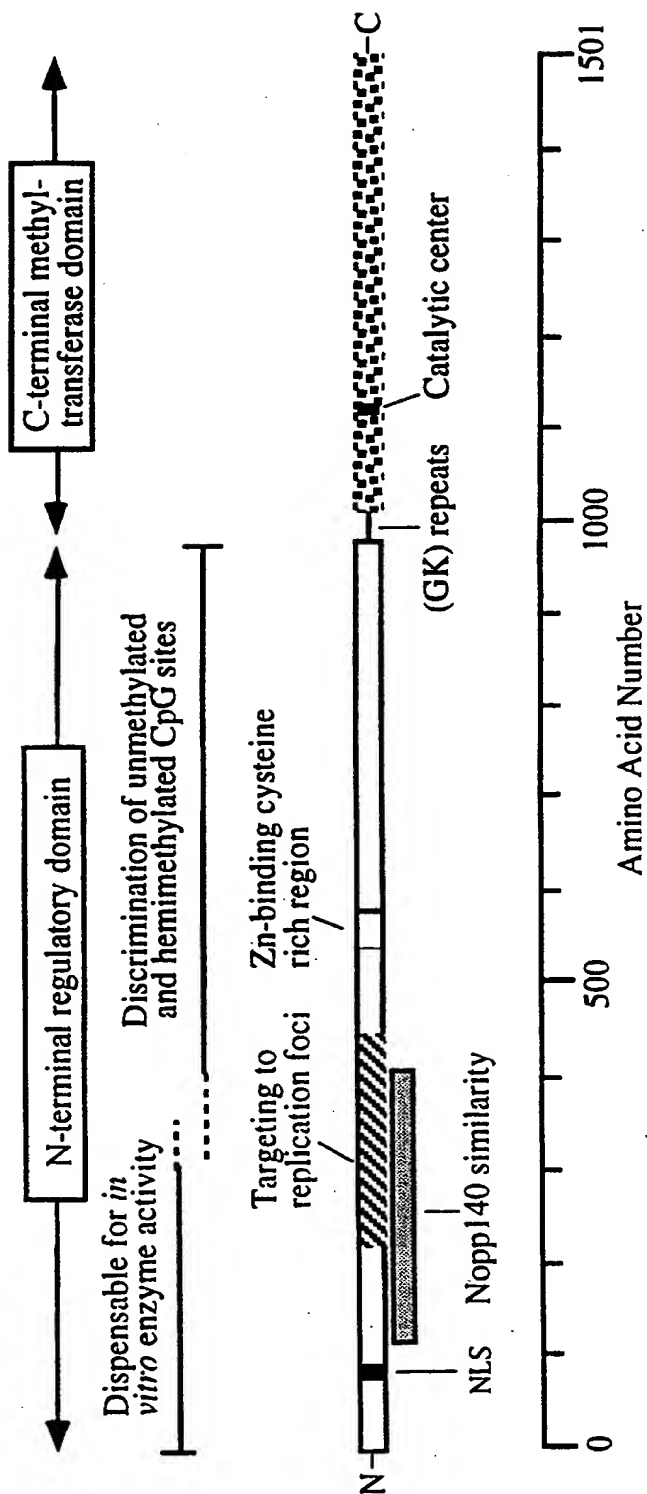
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FIGURE 3



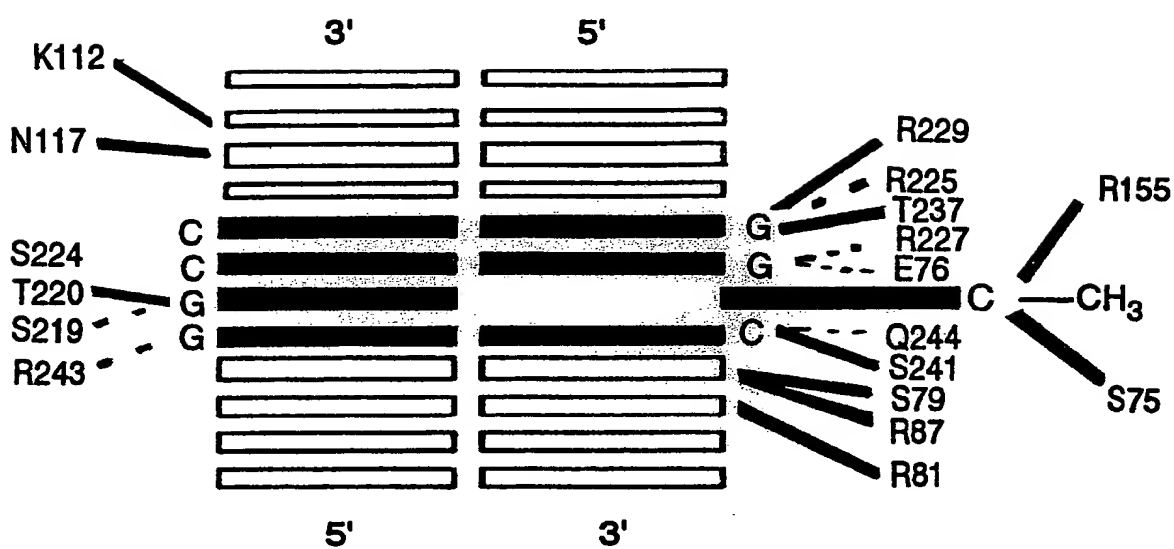
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FIGURE 4



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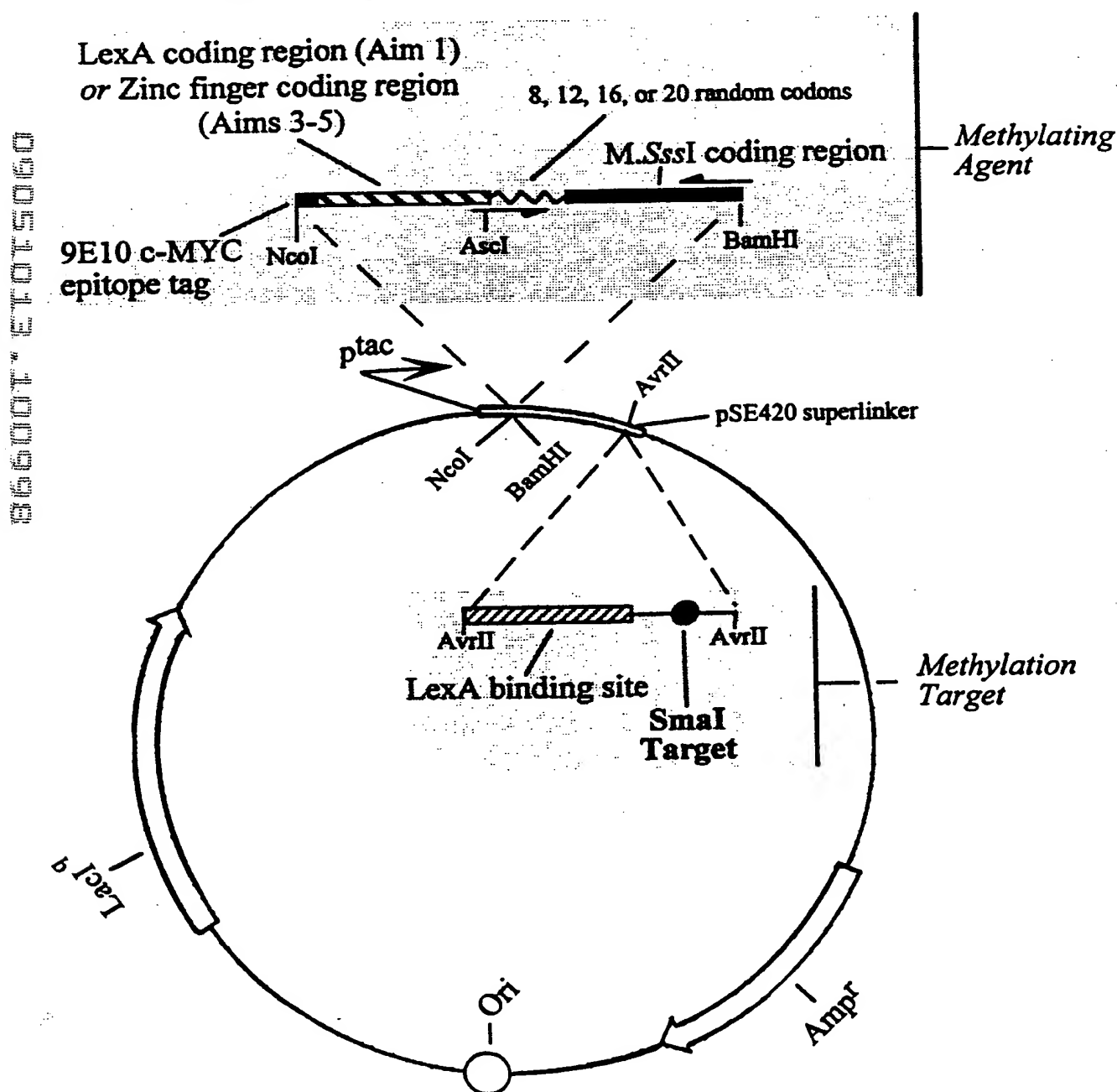
FIGURE 5



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FIGURE 6

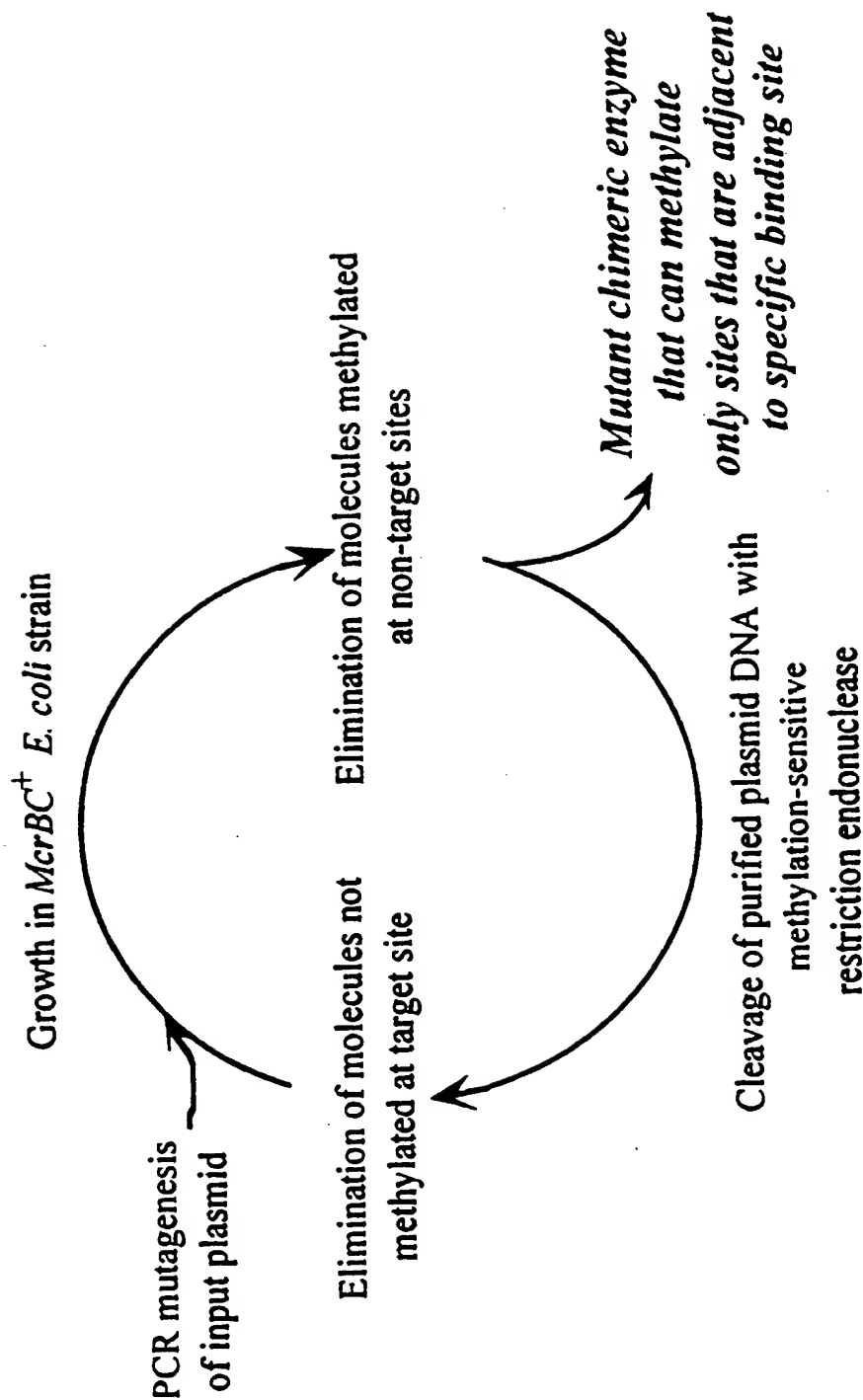
pLS, An Expression Construct to be Used in the Selection of DNA Binding Protein/DNA Methyltransferase Chimeras That Methylate Predetermined Sequences



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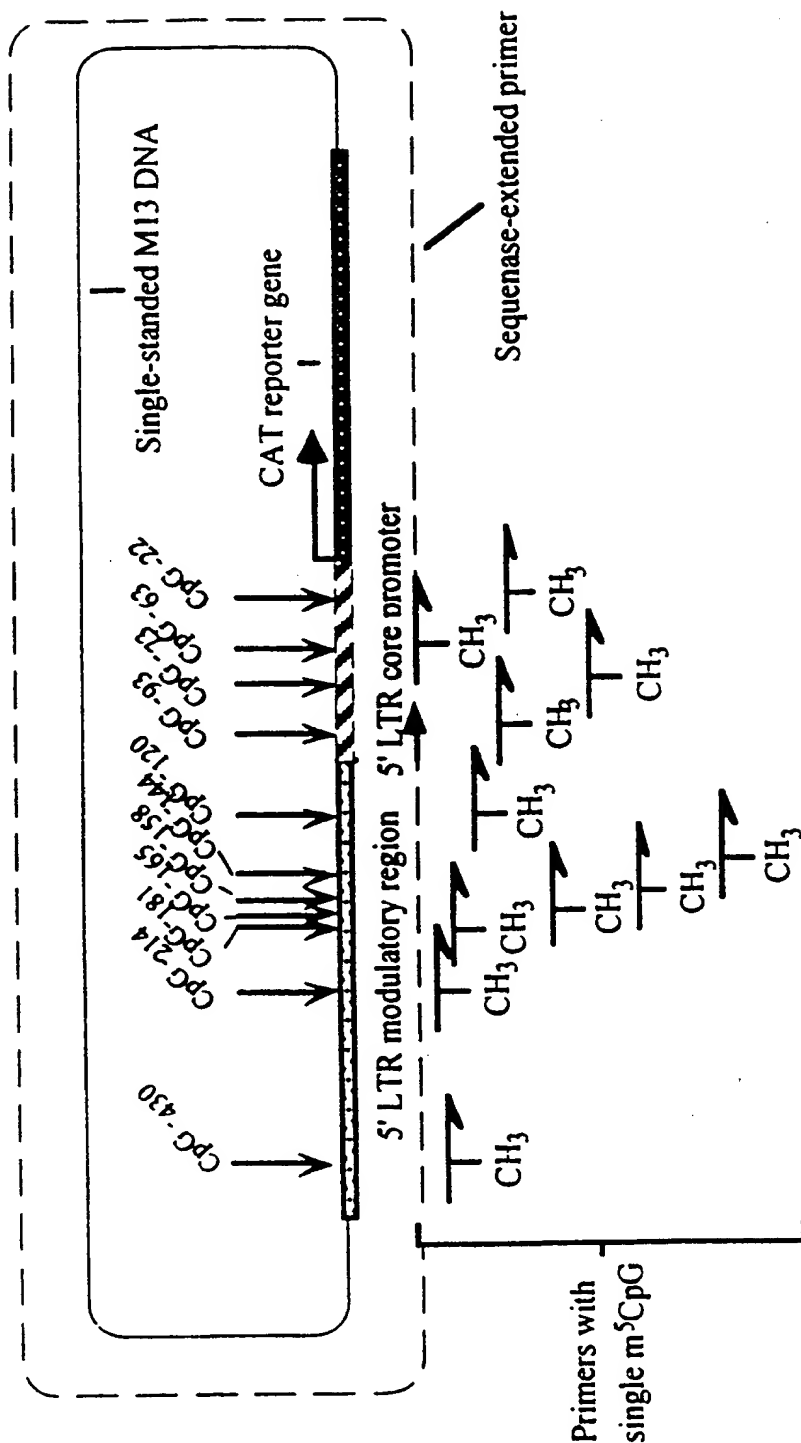
FIGURE 7

*Cyclic in vitro/in vivo selection for chimeric
DNA binding protein-DNA methyltransferases*



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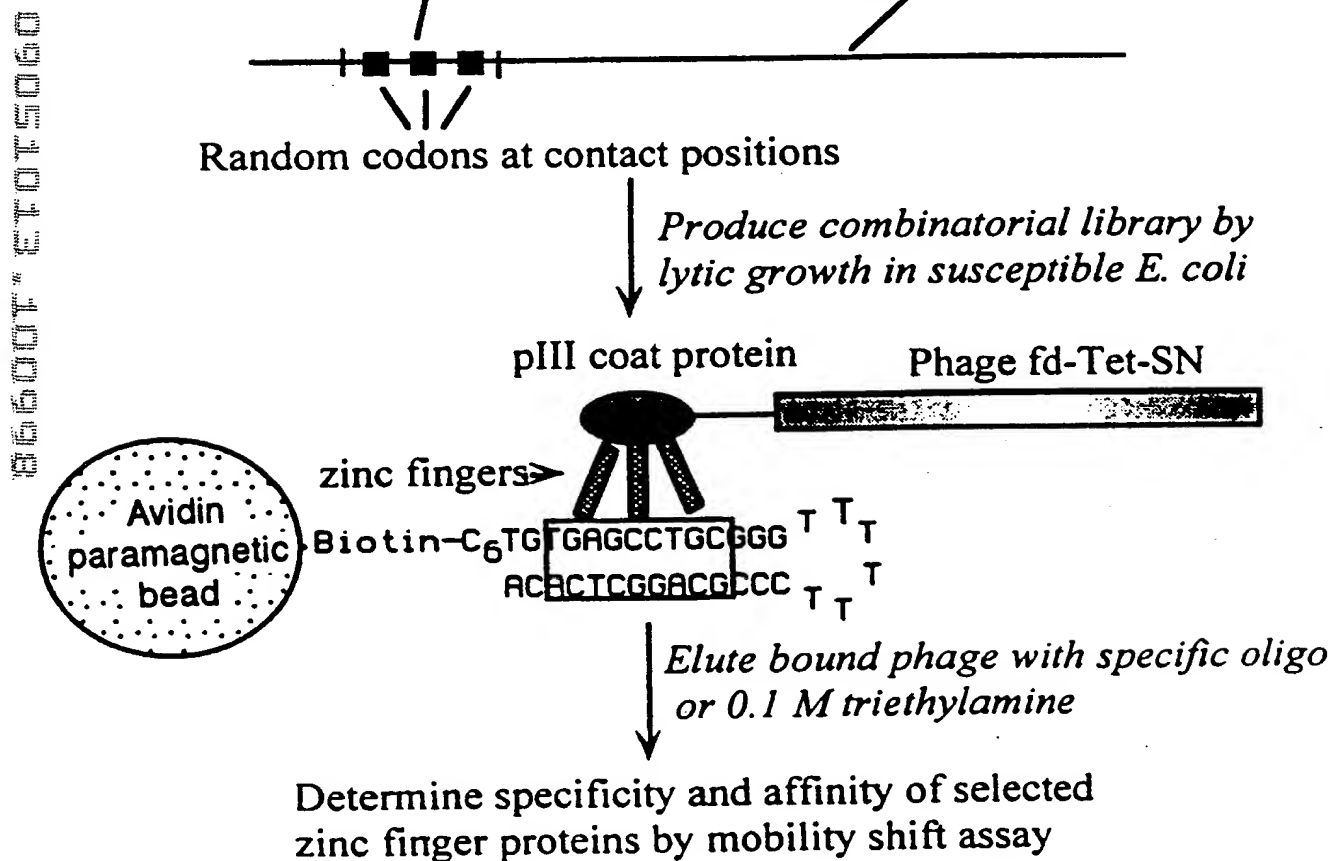
FIGURE 8



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FIGURE 9

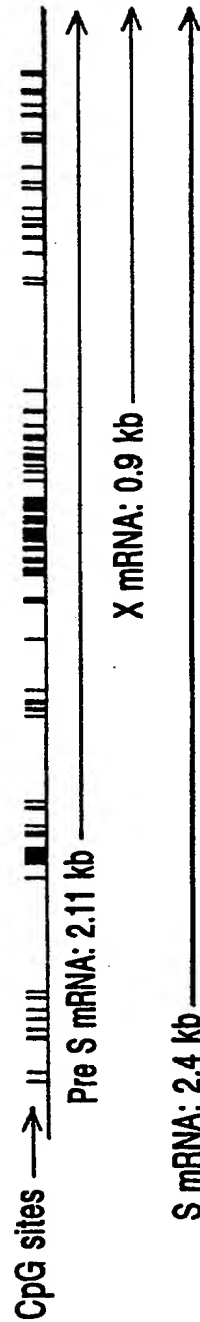
Phage-display selection of Zinc-Finger Proteins that Bind to Predetermined Sequences in the HIV-1 5' LTR



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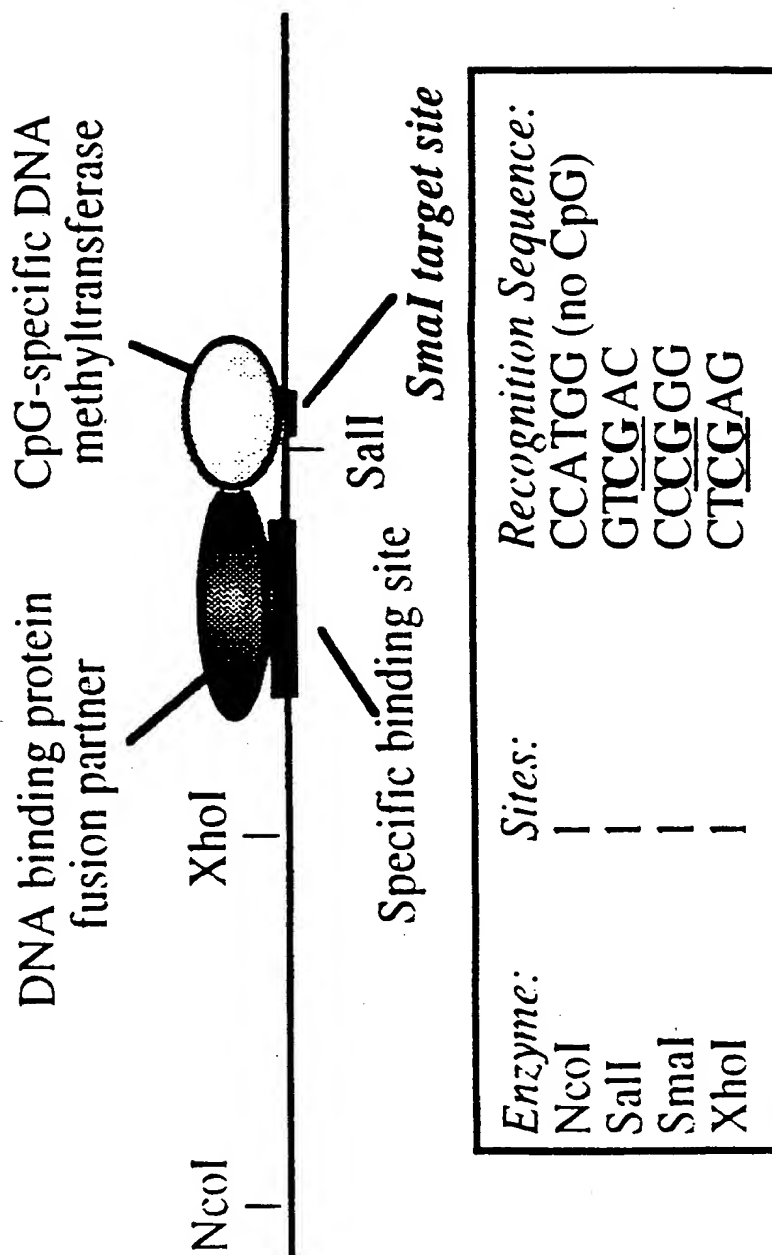
FIGURE 10

CpG Sites and Viral Transcripts in Hepatitis B Virus



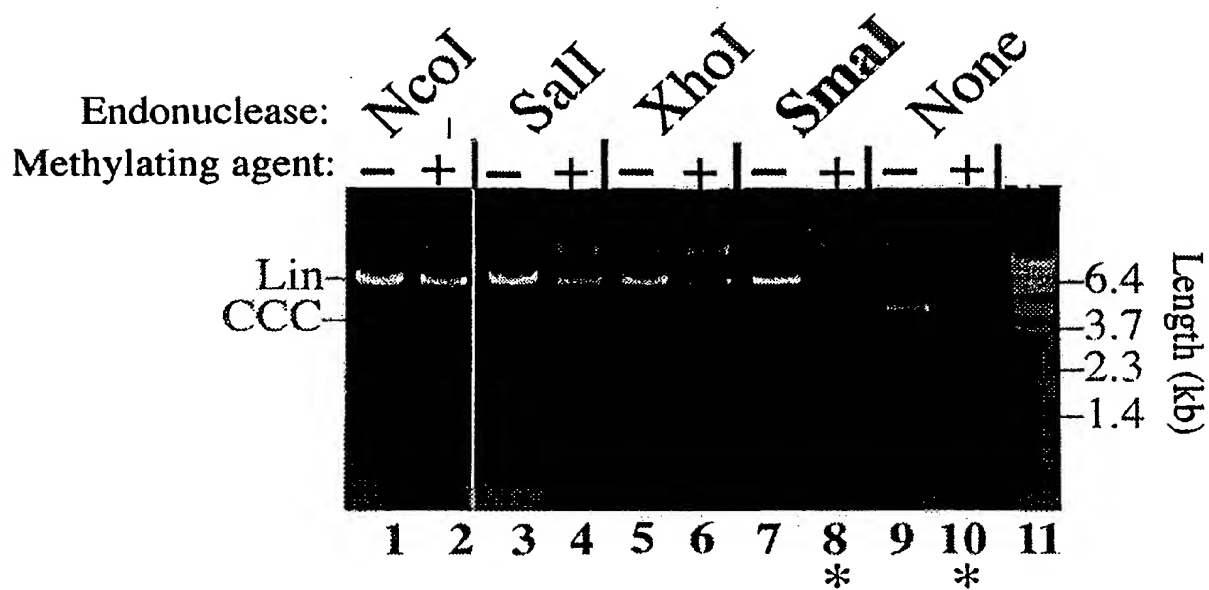
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FIGURE 11A



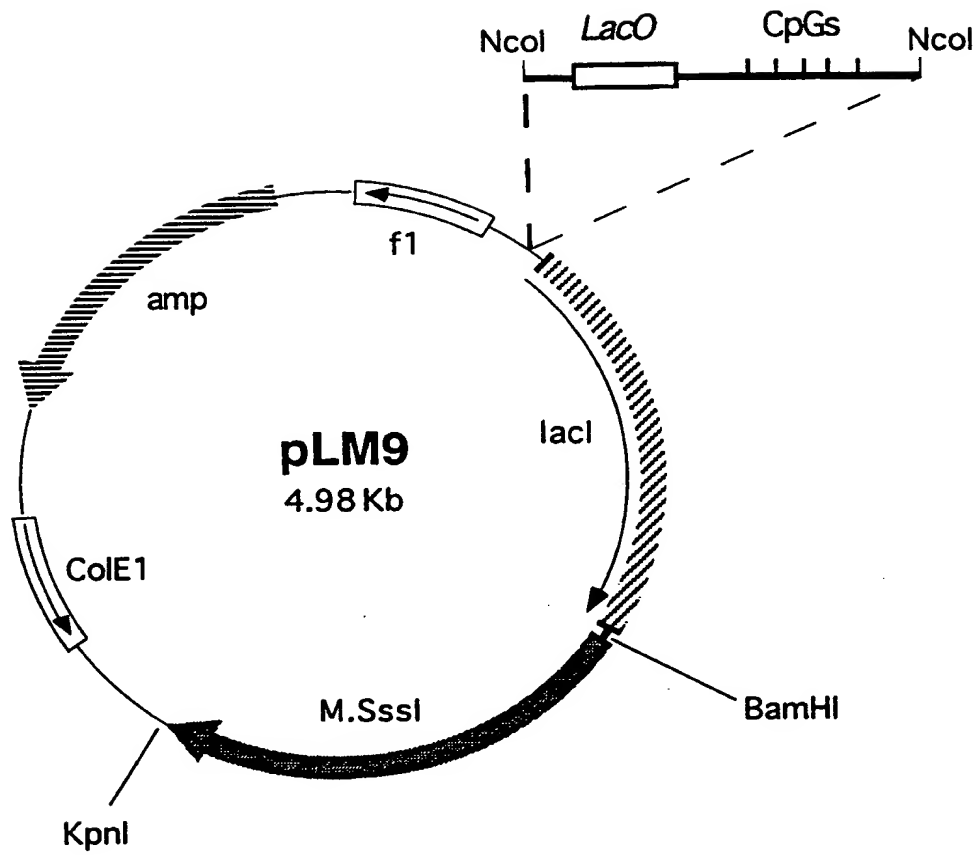
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FIGURE 11B



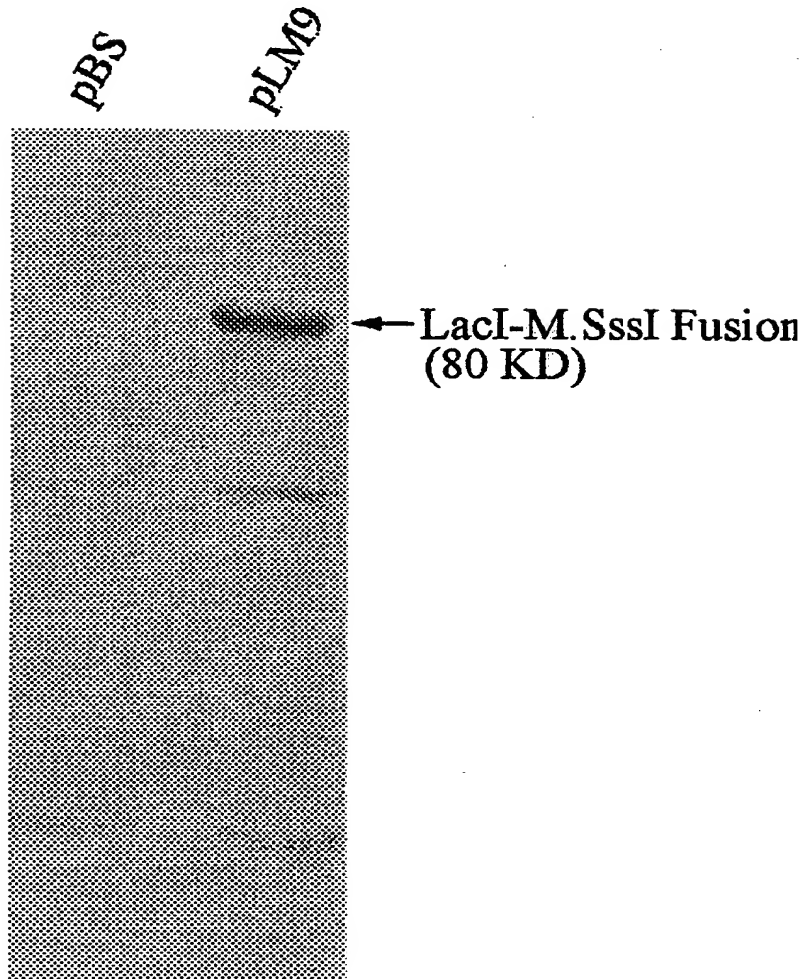
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FIGURE 12



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FIGURE 13



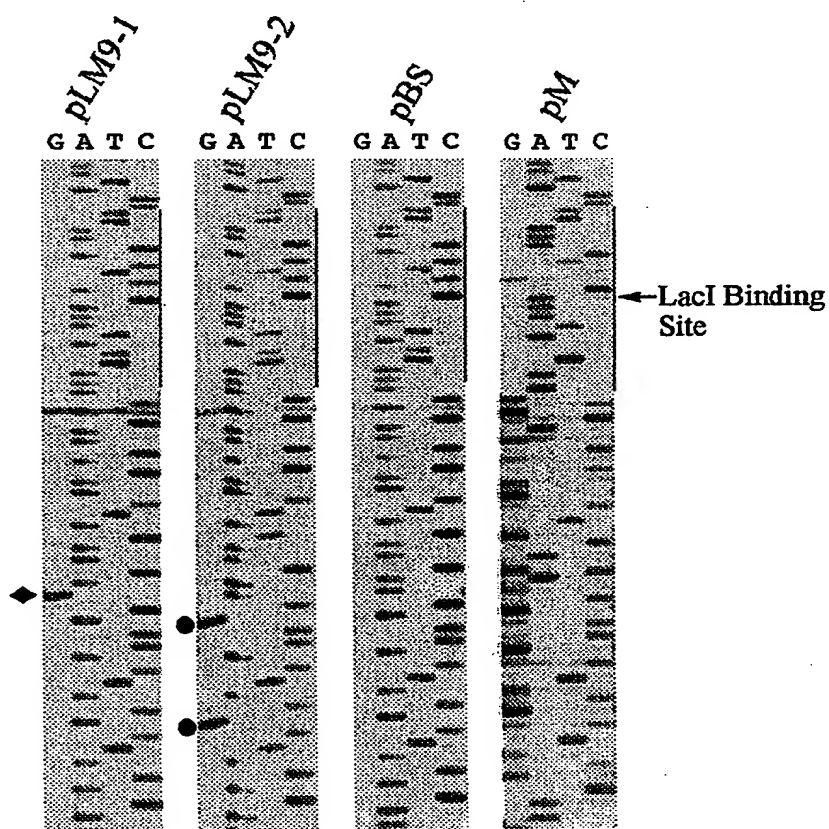
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FIGURE 14

LacI Recognition Sequence

CCATGGAATTGTGAGCGCTCACAATTCGCGTCGCGCCGACGCCGTCGCGGGCAGCGACGCGTT
 GGTACCTTAACACTCGCGAGTGTTAAGCGCAGCGCGGCTGCGGCAGCGCCGCTGCGCTGCGCAA



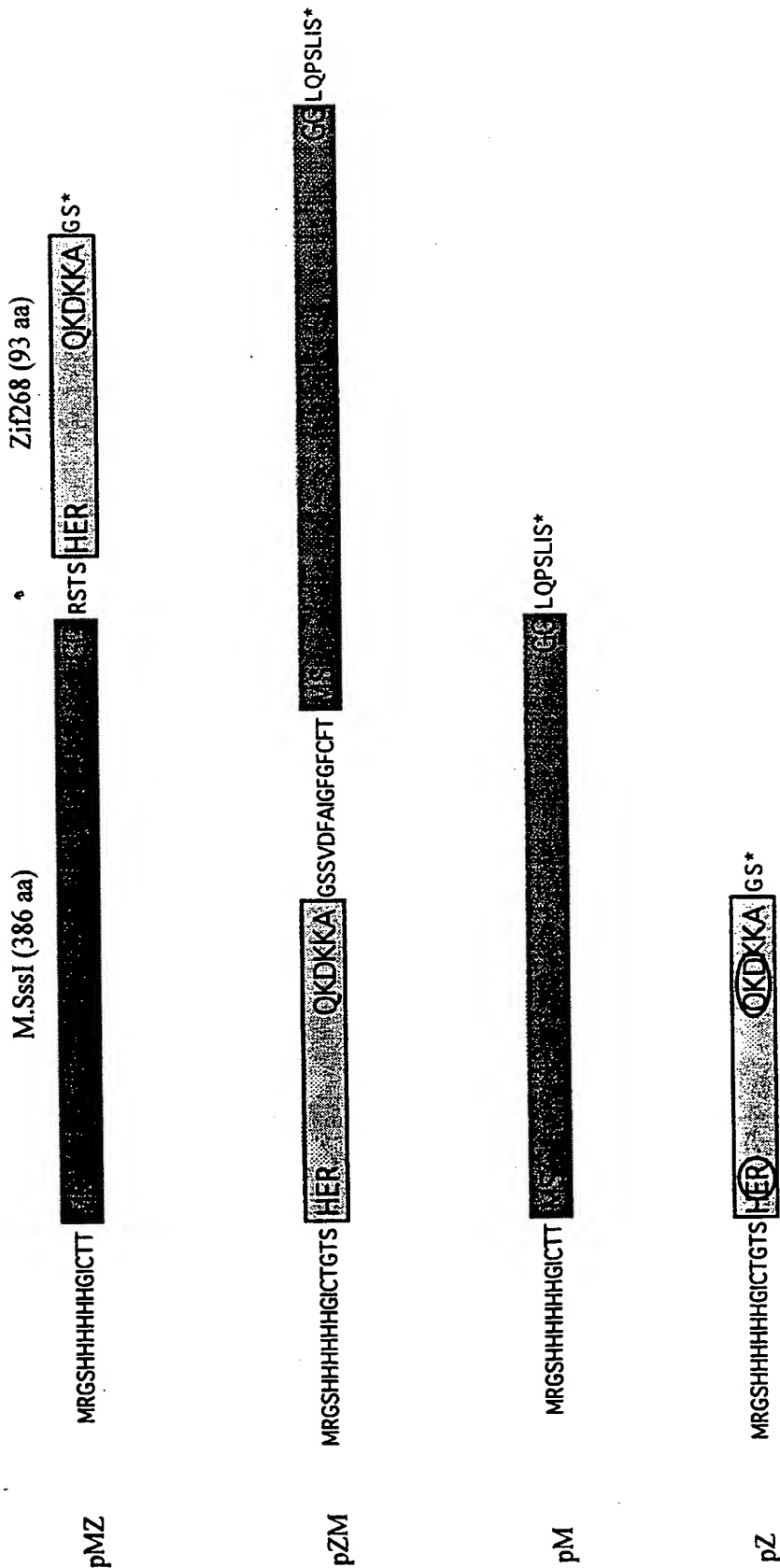
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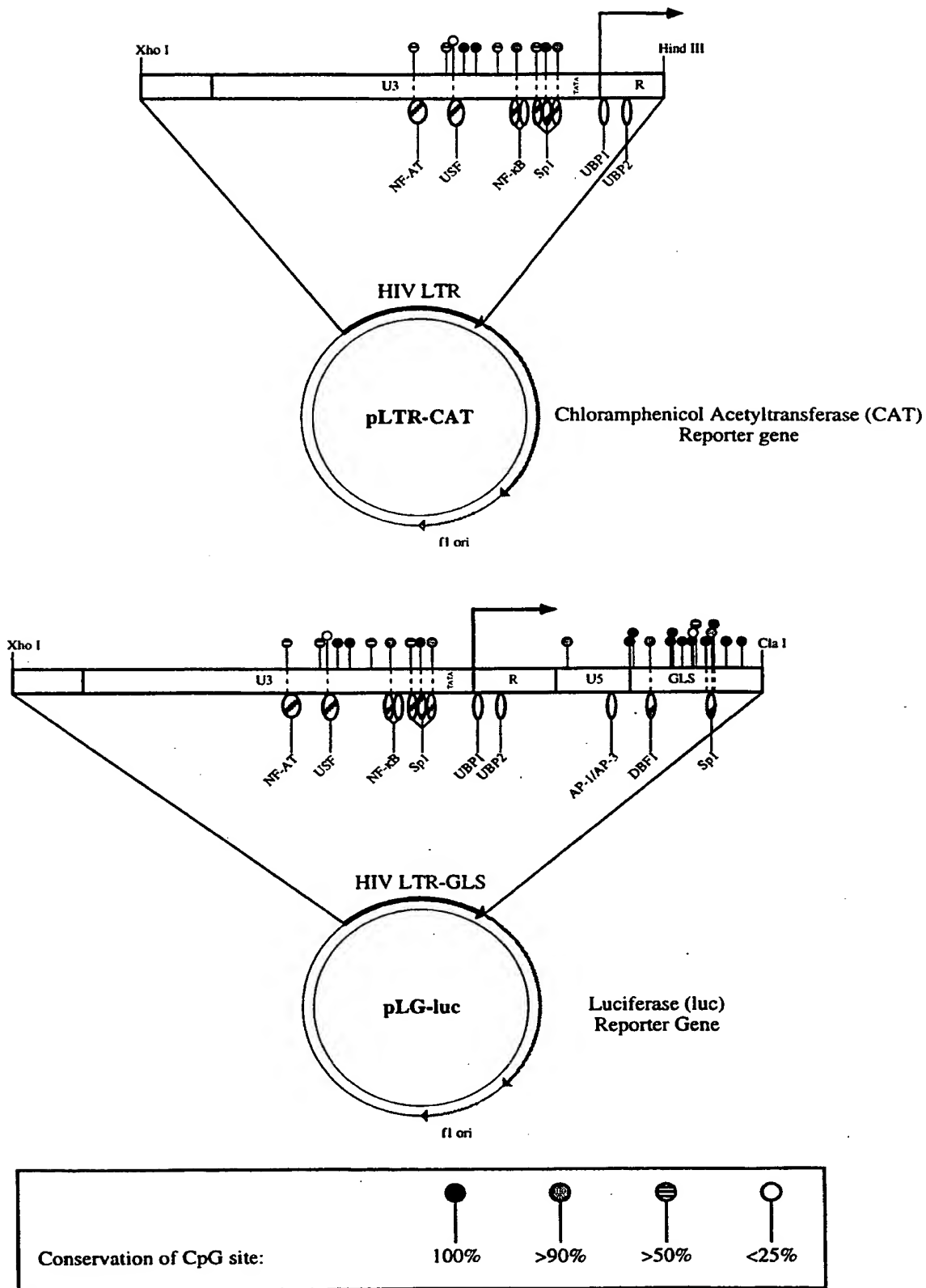
FIGURE 15

Constructs for the Expression of Zinc finger-DNA methyltransferase Fusion Proteins



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FIGURE 16



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FIGURE 17

